

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036799.D
 Acq On : 06 Aug 2024 08:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050346

Quant Time: Aug 07 04:55:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	508259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	472286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	236887	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	188344	46.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.800%
7) Chloroethane-d5	1.529	69	155217	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.960%
11) 1,1-Dichloroethene-d2	2.056	65	82378	47.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	3.790	46	191708	89.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.130%
24) Chloroform-d	4.240	84	359670	49.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
26) 1,2-Dichloroethane-d4	4.934	65	228802	48.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
32) Benzene-d6	4.950	84	719441	50.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
36) 1,2-Dichloropropane-d6	5.982	67	229273	49.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	7.236	98	650486	49.712	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.420%
43) trans-1,3-Dichloroprop...	7.548	79	118037	49.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.560%
47) 2-Hexanone-d5	8.021	63	120037	90.716	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	258172	48.859	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	11.554	152	241285	49.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	222877	54.996	ug/L	100
3) Chloromethane	1.217	50	225684	53.212	ug/L	99
5) Vinyl chloride	1.282	62	231162	53.074	ug/L	99
6) Bromomethane	1.487	94	143571	52.356	ug/L	97
8) Chloroethane	1.548	64	139359	51.655	ug/L	100
9) Trichlorofluoromethane	1.712	101	293449	51.437	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	176893	52.621	ug/L	100
12) 1,1-Dichloroethene	2.066	96	166230	51.775	ug/L	94
13) Acetone	2.111	43	165235	91.819	ug/L	99
14) Carbon disulfide	2.237	76	507387	50.310	ug/L	99
15) Methyl Acetate	2.368	43	168172	45.363	ug/L	98
16) Methylene chloride	2.442	84	181205	50.203	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	170993	51.417	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	568316	48.521	ug/L	99
19) 1,1-Dichloroethane	3.101	63	338612	50.396	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	198327	50.809	ug/L	98
22) 2-Butanone	3.870	43	213927	88.737	ug/L	100
23) Bromochloromethane	4.137	128	95813	50.531	ug/L	95
25) Chloroform	4.269	83	348746	50.535	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	267350	49.114	ug/L	100
29) Cyclohexane	4.571	56	317659	52.789	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	302306	50.806	ug/L	99
31) Carbon tetrachloride	4.722	117	255200	51.069	ug/L	99
33) Benzene	5.002	78	743364	52.623	ug/L	100
34) Trichloroethene	5.825	95	206734	50.497	ug/L	97
35) Methylcyclohexane	6.040	83	324946	51.725	ug/L	99
37) 1,2-Dichloropropane	6.088	63	193041	51.586	ug/L	100
38) Bromodichloromethane	6.426	83	263222	51.080	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	321933	50.232	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	414735	89.468	ug/L	99
42) Toluene	7.310	91	783172	52.051	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	304516	50.990	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	180432	49.789	ug/L	99
46) Tetrachloroethene	7.899	164	140098	52.171	ug/L	98
48) 2-Hexanone	8.072	43	308856	90.566	ug/L	99
49) Dibromochloromethane	8.169	129	188436	50.599	ug/L	100
50) 1,2-Dibromoethane	8.278	107	189601	50.426	ug/L	96
51) Chlorobenzene	8.809	112	497803	51.564	ug/L	100
52) Ethylbenzene	8.940	91	894377	52.060	ug/L	100
53) m,p-Xylene	9.066	106	333366	51.912	ug/L	99
54) o-Xylene	9.471	106	325454	51.816	ug/L	98
55) Styrene	9.490	104	563463	52.349	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	240075	49.096	ug/L	100
59) Bromoform	9.661	173	128162	48.905	ug/L	97
60) Isopropylbenzene	9.860	105	890389	51.629	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	200071	46.917	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	740454	51.571	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	742038	51.628	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	381533	51.446	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	390412	51.768	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	374252	51.671	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54014	43.832	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	272412	51.760	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	255567	50.631	ug/L	100
71) Naphthalene	13.432	128	721906	44.599	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	242203	49.019	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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